

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 58		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)
6. ISSUED BY John F. Kennedy Space Center, NASA Procurement Office – ODIN – OP-MS Kennedy Space Center, FL 32899		CODE		7. ADMINISTERED BY (If other than Item 6)		CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) OAO Corporation 7500 Greenway Center Drive Greenbelt MD 20770				(x)		9A. AMENDMENT OF SOLICITATION NO.
						9B. DATED (SEE ITEM 11)
						10A. MODIFICATION OF CONTRACT/ORDER NO. NAS5-98144/CC90303B
						10B. DATED (SEE ITEM 13) December 1, 2001
CODE		FACILITY CODE				
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS						
<p>[] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [] is extended, [] is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning ____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.</p>						
12. ACCOUNTING AND APPROPRIATION DATA (If required)						

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: NAS5-98144 Contract Clause C.7 Technology Refreshment Process and FAR Clause 52.212-4 Contract Terms and Conditions-Commercial Items, (c) Changes
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor [] is not, [**X**] is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Stennis Space Center --- ODIN SERVICES

Technology Infrastructure: SWR **NJ00 L2AS 00**

Change in Delivery Order Price: \$23,015.87 (INCREASE)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Lisa A. Nicholson Contracts Manager		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Penelope A. Ebright Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY (Signature of Contracting Officer)	

1. In accordance with Master Contract NAS5-98144, C.7, Technology Refreshment Process, the technology refreshment services referenced below is hereby incorporated into this Delivery Order at a fixed price of \$23,015.87.

2.

SWR #	Subject	Amount
NJ00 L2AS 00	Cable Plant Expansion in B1002 for NAVOCEANO	\$23,015.87

3. SWR NJ00 L2AS 00

The contractor shall provide the labor (including, but not limited to, engineering, configuration management, user coordination/scheduling, wiring/cabling and equipment installation) and materials necessary to install video backbone cable into the new addition of B1002 as identified in OAO proposal dated August 12, 2002.

a. The contractor shall perform the following tasks:

- (1) Rework Cat5 & Fiber in room 183B where they moved wall to make room for the hallway to the new addition.
- (2) Rework Cat5 & Fiber in room 180 where the whole jack was pulled out of the wall.
- (3) Install (2) unclassified duplex multimode fiber cables in room 133.
- (4) Install (2) unclassified duplex multimode fiber cables in room 281.
- (5) Install (2) unclassified duplex multimode fiber cables in room 291A.
- (6) Install (1) unclassified duplex multimode fiber cable in room 295B.
- (7) Install (2) classified Cat5 wires and (1) duplex multimode fiber in room 261A.
- (8) Install (2) classified Cat5 wires and (1) duplex multimode fiber cables to (1) location in room 263A, B & C area.
- (9) Install (2) classified Cat5 wires and (1) duplex multimode fiber cable to (1) location in room 265.
- (10) Install (2) classified Cat5 wires to (1) location in room 269.
- (11) Install (2) classified Cat5 wires to (1) location in room 271B area.
- (12) Install (1) classified duplex multimode fiber cable to (2) locations in room 271.
- (13) Install (6) classified duplex multimode fiber cables in room 279 area.
- (14) Install (3) classified duplex multimode fiber cables in room 291G area.
- (15) Install (1) unclassified duplex multimode fiber cable in room 221.
- (16) All classified areas will be installed in Panduit raceway within the classified areas. If classified Cat5 or fiber goes out into an unclassified area NAVO will have to have MSS to install conduit.
- (17) All fiber will be terminated into ST connectors and placed in (1) duplex fiber insert in (1) singlegang faceplate at each jack location. The other end will be terminated into ST connectors and placed into an existing fiber panel in network closet.
- (18) All Cat5 wires will be terminated into a dual Cat5 jack and placed in a singlegang faceplate at each jack location. The other end will be terminated on an existing 110 Jack panel in network closet.
- (19) Test and label Cat5 wiring.
- (20) Test and label fiber cables.
- (21) Update drawings.

b. The contractor shall provide the following material:

- (1) 6,000 feet of corning MIC duplex fiber cable (370-949-FDDI-02)
- (2) 3,000 feet of Belden Cat5 red wire (CM-00424BEL-5U-03)
- (3) 100 each P2020C-125 multimode ST connectors (118974)
- (4) 50 each IMO II PCB blank modules (148027)
- (5) 45 each Panduit LD10 (131155)
- (6) 26 each IMO II PCB singlegang faceplates (148025)
- (7) 24 each IMO I PCB duplex fiber inserts (162979)
- (8) 22 each Panduit outlet boxes (205872)
- (9) 18 each Panduit reducer fitting (142141)
- (10) 18 each Panduit LD3 raceway (131157)
- (11) 10 packs Panduit type T wire retainers (174452)
- (12) 8 each Panduit type T raceway cover (227211)
- (13) 8 each Panduit type T raceway (227204)
- (14) 7 each IMO II PCB dual T568B Cat5 jacks (148031)
- (15) 4 packs Panduit Tees (142140)
- (16) 4 packs Panduit right angle (131126)
- (17) 3 packs Panduit inside corners (131130)
- (18) 2 each Panduit type T outside corner (174433)
- (19) 2 each Panduit type T outside corner cover (174434)
- (20) 2 each Panduit type T inside corner (174430)
- (21) 2 packs Panduit end cap (131132)
- (22) 1 each Panduit type T end cap (174436)

c. Schedule: The completion of this effort shall be (3) three weeks after the receipt of a signed Modification.

3. Part II "Contract Administration Data", Item 4, is revised as indicated below to incorporate the increase of \$23,015.87 for these infrastructure upgrades:

4. TOTAL DELIVERY ORDER VALUE (through Mod No. 58)

Ordered Seats and Services	\$ 3,625,888.22
Catalog Actuals	\$ 232,596.35
Specialized Services Actuals	\$ 3,150.00
Infrastructure upgrades	\$ 1,169,946.74
Subtotal	<u>\$ 5,031,581.31</u>
Less credits	\$ (1,795.86)
Less retainage not earned	<u>\$ (45,650.09)</u>
Subtotal	\$ 4,984,135.36
Seats/service levels projected through 11/30/04	<u>\$ 12,106,478.78</u>
Total Estimated Delivery Order Value	\$ 17,090,614.14

Part V "Technology Infusion (Infrastructure Upgrades)", Item 2 is modified to include the subject infrastructure upgrades. The signed date and completion date will be completed in a future infrastructure upgrade modification.

Mod. No.	Description of Work	Date Signed	Completion Date	Modification Value
58	NJ00 L2AS 00 Cable Plant Expansion in B1002 for NAVOCEANO			\$ 23,015.87

5. Payment Schedule: Invoicing and Payment for this modification will be made in accordance with Master Contract NAS5-98144, FAR 52.212-4: Commercial Items (May 1997) (Modified).
6. Reporting requirements: The contractor shall provide monthly status reports to the SSC Alternate DOCOTR, with a copy to the DOCO. These reports shall include, as a minimum, installation progress, and potential problem areas.
7. In consideration of the modification agreed to herein as complete equitable adjustment for the changes set forth, the Contractor hereby releases the Government from any and all liability under this delivery order for further equitable adjustments attributable to such facts or circumstances giving rise to these changes.
8. All other terms and conditions of this Delivery Order remain unchanged and in full force and effect.